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ATTORNEY DOCKET NO. MIT 8873CPC1 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Adam M. Lorenz et al.

Serial No.: 10/820,248

Examiner: Jenkins, Daniel J.

Filing date: April 6, 2004

Art Unit: 1742

Conf. No.: 7487

For: INFILTRATION OF A POWDER METAL SKELETON BY A SIMILAR
ALLOY TO ACHIEVE UNIFORM COMPOSITION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The reference on attached Form PTO/SB/08A, which may relate to the subject matter of the present invention, is being brought to the attention of the Patent and Trademark Office pursuant to 37 CFR 1.56 and 1.98.

Applicants believe the enclosed Information Disclosure Statement is entitled to the benefit of 37 CFR §1.97(d) and (e)(2). Accordingly, applicant(s) believe a fee and certification is required, and both are submitted herewith.

05/02/2006 HGUTEMAI 00000011 192553 10820248

01 FC:1806 180.00 DA

CERTIFICATE OF MAILING UNDER 37 CFR §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 26, 2006.

Steven J. Weissburg

CERTIFICATION UNDER 37 CFR §1.97(e)(2)

The undersigned hereby certifies that no item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual having a duty of disclosure as set forth in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

The information disclosure fee of \$180.00 required by 37 CFR §1.17(p) is believed to be due and is enclosed herewith by authorization to draw from a deposit account. A Fee Transmittal is enclosed. The Commissioner is also authorized to charge the fees for any deficiencies to Deposit Account 19-2553 in the name of the Assignee, Massachusetts Institute of Technology.

U.S. Patent No. 4,705,203, entitled REPAIR OF SURFACE DEFECTS IN SUPERALLOY ARTICLES, issued to McComas et al., on November 10, 1987.

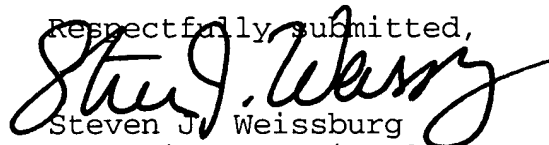
The foregoing item was first cited in a Notice of Allowability dated February 3, 2006, in a related U.S. case, U.S. Pat. App. No. 10/276,457.

A copy of the document is enclosed.

Although this statement includes all the relevant information presently known to the applicants, it should not be interpreted as a representation that an exhaustive search has been conducted, or that no better information exists or that the items cited herein are admitted to be prior art. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited information to determine its relevance to the subject matter of the present application. The citation of an item herein should not be considered to be an admission that the item is prior art.

Applicants are of the opinion that the claims of the present application patentably distinguish over this information or any combination thereof.

Respectfully submitted,



Steven J. Weissburg
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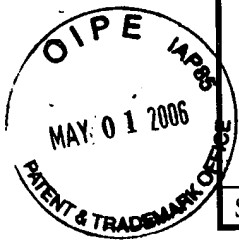
April 26, 2006

Cust. No. 021403

Assignee Deposit Account: 19-2553 (MIT)

Blue Mac Storage:Gibraltar clients:Clients:MIT:MIT 3DP All:MIT 8873 PR Lorenz
Nickel:8873CPC1 US:ids.sup#3. 4/06.8873CPC1

PTO/SB/08A



(use as many sheets as necessary)

Complete if Known

Application Number	10/820,248
Filing Date	04-06-2004
First Named Inventor	LORENZ
Group Art Unit	1742
Examiner Name	Jenkins, Daniel J.
Attorney Docket No.	MIT 8873CPC1 US

Sheet

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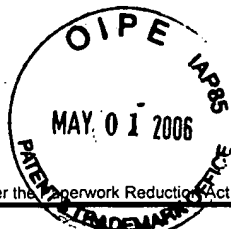
Attorney Docket No.

MIT 8873CPC1 US

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**Examiner
Signature**

Date
Considered



PTO/SB/17 (01-06)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	10/820,248
Filing Date	April 6, 2004
First Named Inventor	Lorenz
Examiner Name	Jenkins, Daniel J.
Art Unit	1742
Attorney Docket No.	MIT 8873CPC1 US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 19-2553 Deposit Account Name: MIT

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, **except for the filing fee**☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
50	25

Each independent claim over 3 (including Reissues)

200	100
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Multiple dependent claims

360	180
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Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 20 or HP =	x	=	
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HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 3 or HP =	x	=	
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HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)Other (e.g., late filing surcharge): Submission of an IDS 1.17(p) fee code 1806180.00**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 31,581	Telephone 617 354-9343
Name (Print/Type)	Steven J. Weissburg		Date April 26, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.